



+

1) + #4

+

+

+

DISCLOSURE  
APPLICANT

DISCLOSURE  
APPLICANT

DISCLOSURE  
APPLICANT

2

of

2

**Complete if Known**

09/780.681

February 8, 2001

**Kean, Thomas A.**

Unassigned

Unassigned

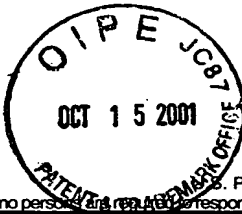
19546-020200

[illegible]Date  
Considered

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231

PA 3151482 v1

Please type a plus sign (+) inside this box → +



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

### Complete if Known

Application Number	09/780,681
Filing Date	Dec. 21, 2000
First Named Inventor	Kean, Thomas
Group Art Unit	2818
Examiner Name	Unassigned
Attorney Docket Number	019546-020200US

DEC 19 2001  
Group 2100

RECEIVED

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
HS	01	4,120,030		Johnstone	10-10-1978	X
HS	02	4,465,901		Best	08-14-1984	
HS	03	4,525,599		Curran	07-25-1985	
HS	04	4,562,305		Gaffney	12-31-1985	
HS	05	4,603,381		Gutttag	07-29-1986	
HS	06	4,633,388		Chiu	12-30-1986	
HS	07	4,847,902		Hampson	07-11-1989	
HS	08	5,224,166		Hartmann, Jr.	06-29-1993	
HS	09	5,307,318		Nemoto	04-26-1994	
HS	10	5,349,249		Chiang	09-20-1994	
HS	11	5,386,469		Yearsley	01-31-1995	
HS	12	5,388,157		Austin	02-07-1995	
HS	13	5,768,372		Sung	06-16-1998	
HS	14	5,773,993		Trimberger	06-30-1998	
HS	15	5,835,402		Rao	11-10-1998	
HS	16	5,898,776		Apland	04-27-1999	
HS	17	5,915,017		Sung	06-22-1999	
HS	18	5,963,104		Buer	10-05-1999	
HS	19	5,970,142		Erickson	10-19-1999	
HS	20	5,991,880		Curd	11-23-1999	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
HS	21	WO	98/58305	A1	Deas	12-23-1998	X	<input type="checkbox"/>
HS	22	WO	00/49717	A2	Trimberger	08-24-2000		<input type="checkbox"/>
HS	23	WO	99/46774	A1	Kelem	09-16-1999		<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>

Examiner  
Signature

*John Del Sore*

Date  
Considered

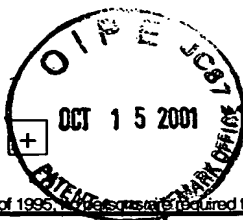
08/05/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Please type a plus sign (+) inside this box →



PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 3

## **Complete If Known**

Application Number 09/780,681  
 Filing Date Dec. 21, 2000  
 First Named Inventor Kean, Thomas  
 Group Art Unit 2818  
 Examiner Name Unassigned  
 Attorney Docket Number 019546-020200US

DEC 19 2001  
 Group 2100

RECEIVED

## **OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
HS	24	XILINX INC., "Xilinx User Guide and Tutorials", 1991, Section "The Best of Xcell", p602, column headed "Design Security"	<input checked="" type="checkbox"/>
HS	25	XILINX INC., "XACT Reference Guide", 1993, Section 5 "Peripherals and Hardware", p602, subsection headed "Programming the XC3720"	<input checked="" type="checkbox"/>
HS	26	JOHN G. PROAKIS, "Digital Communications", 3rd edition, McGraw Hill, 1995, Chapter 8. pp413-528	<input checked="" type="checkbox"/>
HS	27	JOHN V. OLDFIELD and RICHARD C. DORF, "Field Programmable Gate Arrays", Wiley-Interscience, 1995, Chapter 3, pp53-102	<input checked="" type="checkbox"/>
HS	28	BRUCE SCHNEIER, "Applied Cryptography", 2nd Edition. John-Wiley, 1996	<input checked="" type="checkbox"/>
HS	29	ACTEL CORP., "Protecting your Intellectual Property from the Pirates", presentation at DesignCon '98, 1998	<input checked="" type="checkbox"/>
HS	30	ATMEL CORP., application note "Programming Specification for Atmel's AT17 and AT17A series FPGA configuration EEPROMs", 1999	<input checked="" type="checkbox"/>
HS	31	TRISCEND INC., "Triscend E5 Configurable Processor Family", Product Description (Preview), July 1999. Section "System Initialisation" p39-43	<input checked="" type="checkbox"/>
HS	32	ACTEL CORP., "60RS Family SPGA's", Advanced Data Sheet, Nov. 19, 1999.	<input checked="" type="checkbox"/>
HS	33	XILINX INC., "Virtex 2.5V Field Programmable Gate Arrays," Advanced Product Specification, 1999, pp 1-22	<input checked="" type="checkbox"/>
HS	34	TRISCEND INC., "Implementing Secure Remote Updates using Triscend E5 Configurable System-on-Chip Devices", Application Note AN-02, January 2000	<input checked="" type="checkbox"/>
HS	35	INTEL CORP., "Intel Processor Identification and the CPU-ID Instruction", Application Note AP-485, Intel Corporation, Nov. 2000.	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature

*John Jd Son*

Date Considered

*08/05/04*

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

PA 3151604 v1

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231**